



Grey Cliffs Waterfront Park Concept Presentation

City of St Helens

Columbia River Mile 83.2



Existing Conditions

- Park Elevation: 20.5' (NAVD88)
- Tidal Influenced with;
MLLW: 6.3' MHHW:9.5'
- Observed Extreme Low: 4.3'
- Observed Extreme High: 20.3'
(2005-now) (Flood of 1996=27.3')
- Proximity to edge of channel
- Goal is to provide fishing and paddle docks that are both accessible and permittable





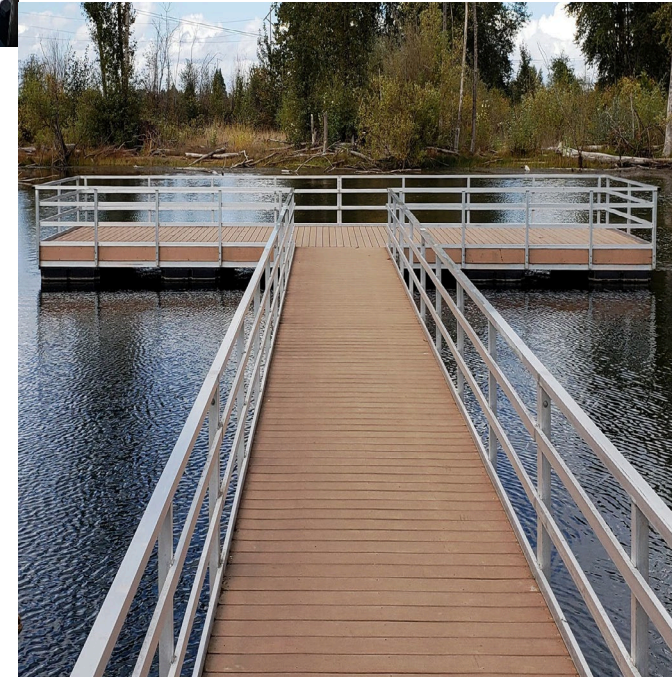
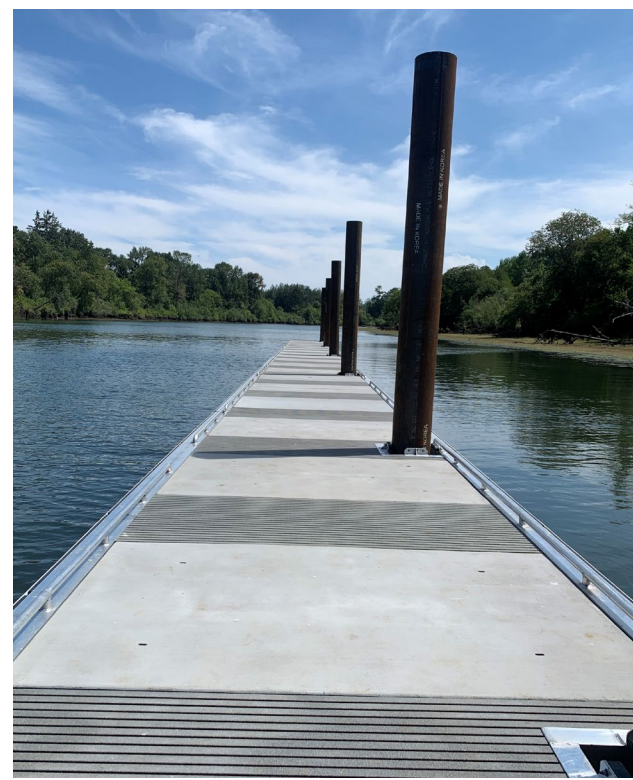
Permits and Consultations

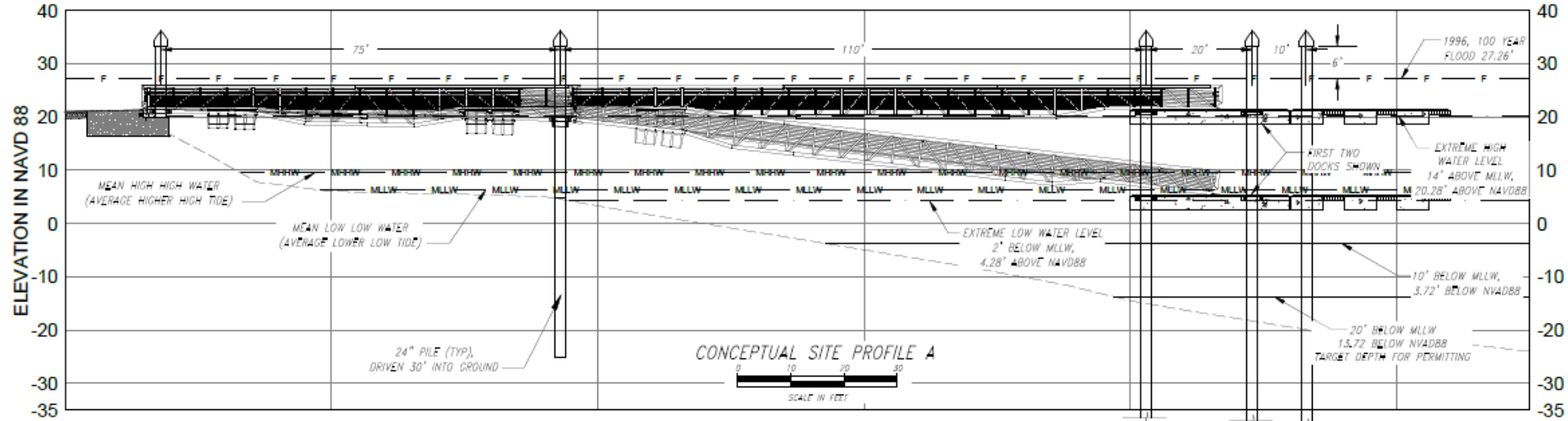
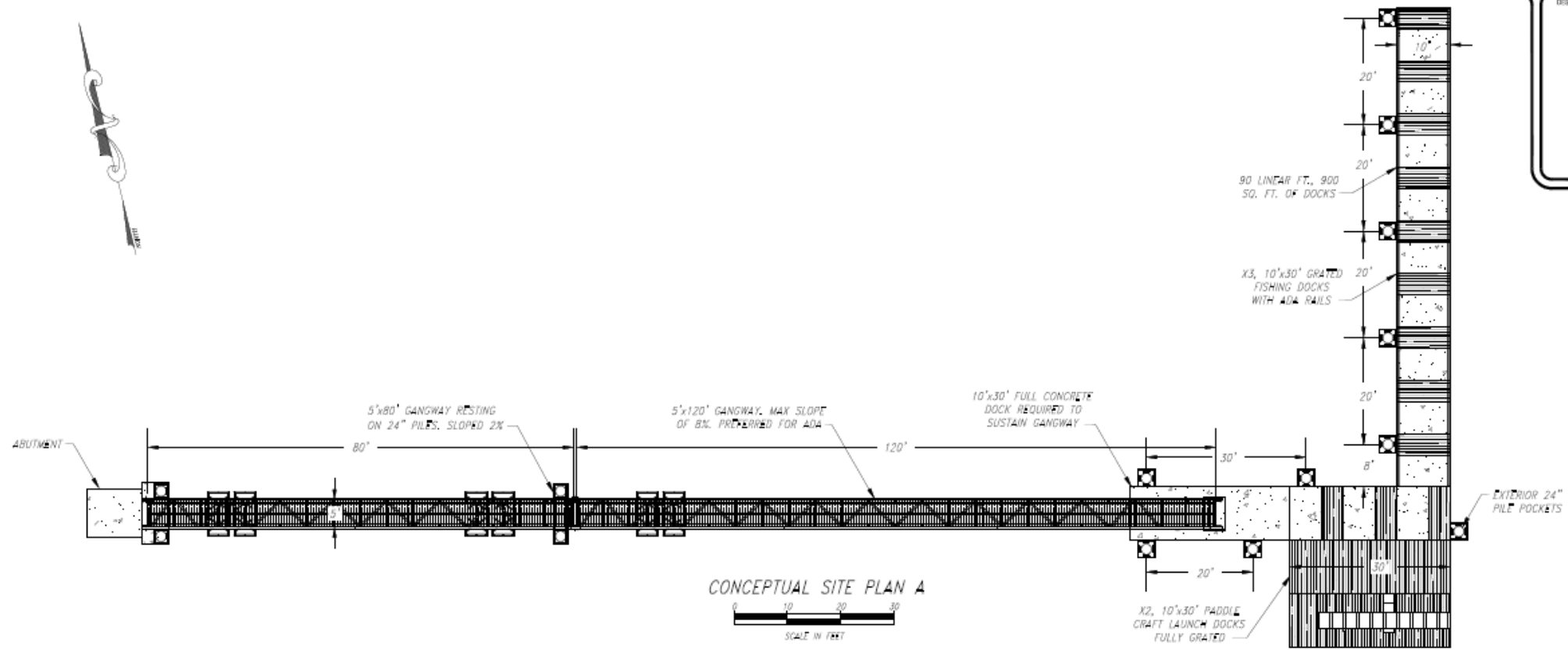
- U.S. Army Corps of Engineers-Permit
- Oregon Department of State Lands-Permit
- Oregon Department of Environmental Quality-Permit
- Planning Department Building –Permit
- Planning Department Land Use-Permit
- Planning Department-Floodplain Development Permit
- National Oceanic and Atmospheric Administration (NMFS)
- Oregon Department of Fish and Wildlife
- State Historic Preservation Office
- National Historic Preservation Act Review
- Tribal Consultation
- U.S. Fish and Wildlife Service



Conceptual Design Common Features

- Accessible routes
- Double Gangway
- Dock Design and Features
 - Fishing docks
 - Paddlecraft launch
 - Light Penetration
 - Accessibility



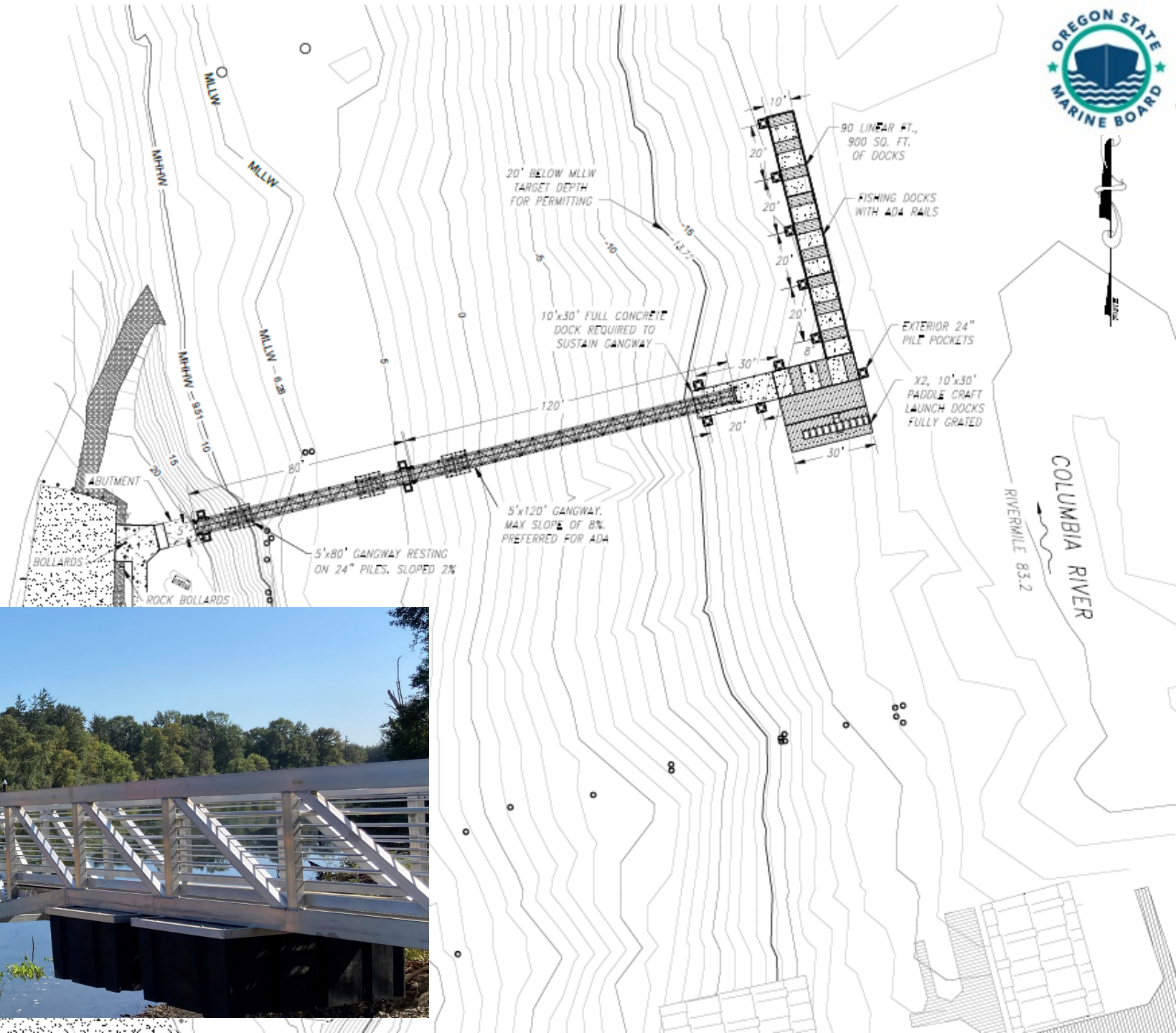


DESIGNER: T. MARIN	
DRAFTER: T. MARIN	
DATE: 12-15-21	
SHEET STATUS	
CONCEPTUAL	
FOR REVIEW & COMMENT	
OREGON STATE MARINE BOARD	
PROJECT LOCATION: WATERBURY & 1 ST OWNER: GREY CLIFFS PARK, COLUMBIA RIVER MILE 83.2	
CITY OF ST. HELEN	
SHEET DESCRIPTION: PLAN & PROFILE OF GANGWAY & DOCKS	
SHEET NUMBER: 06	
SHEET 06	OF 06
DRAWING NO. 0502-NG-06	

J:\0502-NG-06\Waterford Park\02_docks\020102.dwg; 20210201; Conceptual Plan, Profile.dwg

Concept 1

- Oriented parallel to marina
- 80' and 120' gangways
- Fishing docks north of gangway landing
- Paddle docks perpendicular to river flow and south of gangway landing



Concept 2

- Oriented parallel to marina
- 80' and 100' gangways
- Fishing docks south of gangway landing
- Paddle docks are North of the gangway landing and with river flow



Concept 3

- Oriented for fishing in deeper water
- 80' and 120' gangways
- Fishing docks north of gangway landing
- Paddle docks angled to river flow but closer to marina

